



Helping Organizations Make Smart IT Decisions

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Topics

- **Missions of SPC and SITC**
- **Lessons Learned for Managing Change**
 - **Corporate**
 - **Government**
- **Summary**

Software Productivity Consortium

*The Consortium is the preeminent provider of **reduced-to-practice** technology for the development of **systems and software**, and the essential vehicle for members to **adopt, implement, and improve** their processes, methods, and technologies for developing software-intensive systems.*

Formed in 1986 as a result of the 1984 National Cooperative Research Act

Consortium Membership



Service Members: Boeing, Compuware, Medtronic, Orbital Sciences, and Smith Industries

Full: 29 -- Service: 5

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State Information Technology Consortium (SITC)



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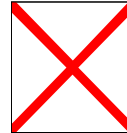
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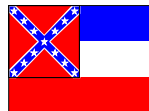
MARYLAND



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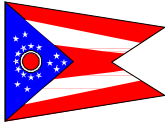
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NEW HAMPSHIRE



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Mission

- Reduce information technology (IT) risks facing state governments
- Advance state IT management and adoption of best practices
- Promote technology integration across state agencies and borders

“Personalized Solutions from Collective Technologies”

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Lesson Learned for Managing Change



The most predictable aspect of the technology environment is that it is truly unpredictable and is always in a state of change

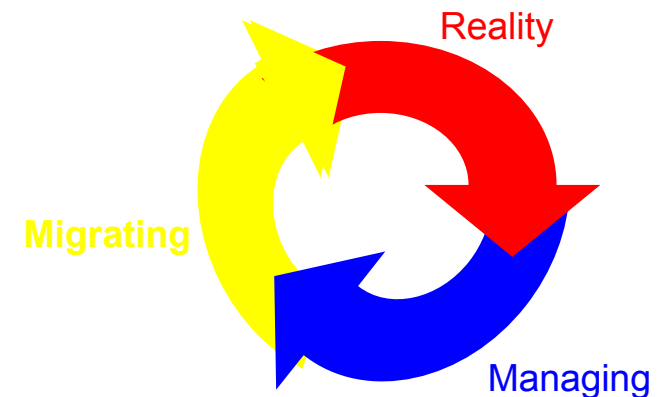
- **The reality of the concept of change**
- **Managing the response to change**
- **Migrating in response to change**

The Reality of the Concept of Change



Change manifests itself in distinct groupings

- **Corporate**
 - New business endeavors/mergers
 - New product lines
 - New emphasis on quality: Six Sigma
- **Government**
 - Policy shifts: “block grants”
 - New legislative mandates: “HIPAA”
 - New initiatives: “e-Government”



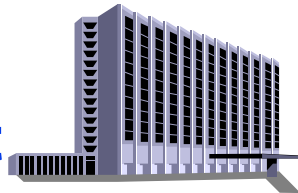
Managing the Response to Change



Managing the inevitability and reality of change directly impacts success

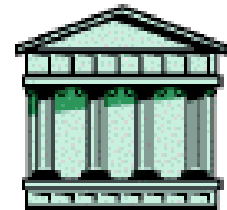
- **Corporate**

- Time to market
- Satisfy shareholders and profit objectives



- **Government**

- Time to market
- Satisfy citizens and avoid sanctions



Technology can enable organizations to anticipate, embrace and manage change

- **Evolutionary Spiral Process for Project Management – successfully deployed for industry and government to manage change**

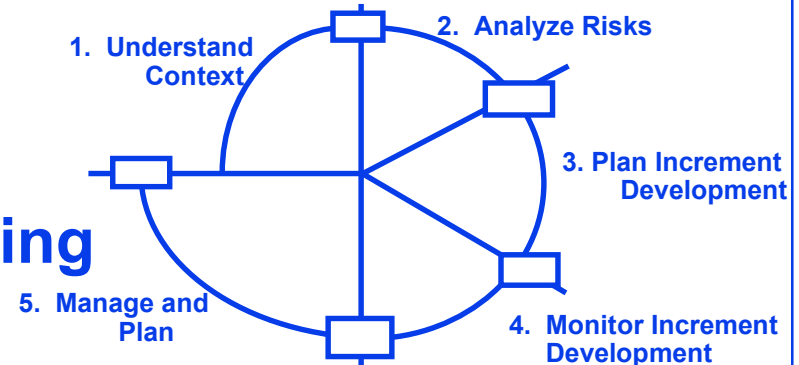
Managing the Process



The major IT challenge involves managing the process rather than the technology

- **Causes of process failures arise from lack of**

- **IT management experience**
- **Management experience in dealing with large, complex IT systems**
- **User/customer participation in the project**



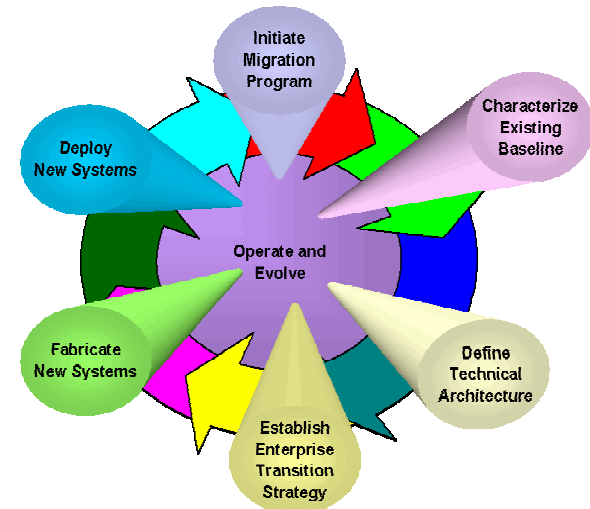
Align the technology of the organization with its business and policy needs

Migrating in Response to Change



Migration is a reflection of the constant presence of change, and process is a driving factor in deploying successfully migrated systems

- The “Process Framework”
 - Enterprise focus
 - Open-system, standards-based
 - Component-based
 - Planning for change
 - Architecture-influence decisions



Adoption of “standard frameworks” as part of the enterprise process enables successful migrations

Summary

- **The ability to respond to change and the mechanisms utilized to mitigate the impact of change determine the successful technology support organization**
- **Technologies developed to support leading industry organizations are highly adaptable to state IT organizations**
- **Process and management are key drivers in the successful deployment of IT projects**
- **Consortium models work in private and public organizations to successfully leverage IT change management experiences**